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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1


of

4

Complete if Known

Application Number	10/799,793
Filing Date	MARCH 12, 2004
First Named Inventor	WILLIAM EAMON CARROLL
Art Unit	1731
Examiner Name	MICHAEL J. FELTON
Attorney Docket Number	02-017 CIP

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/MF/	A1	US- 6,146,497	01-16-1998	NGUYN	
	A2	US- 6,179,962	01-30-2001	BRADY	
	A3	US- 4,940,514	07-10-1990	STANGE	
	A4	US- 5,851,300	12-22-1998	LINHART	
	A5	US- 5,281,307	01-25-1994	SMIGO	
	A6	US- 5,846,788	12-08-1998	PEDERSEN	
	A7	US- 6,710,175	08-31-2001	ANDERSON	
	A8	US- 4,818,341	02-28-1987	DEGEN	
	A9	US- 5,380,403	03-22-1993	ROBESON	
	A10	US- 5,397,436	03-07-1994	ROBESON	
	A11	US- 6,616,807	04-04-1997	DYLLICK-BRENNINGER	
	A12	US- 3,058,873	09-10-1958	KEIM	
	A13	US- 3,728,214	03-12-1971	ESPY	
	A14	US- 3,748,221	04-13-1970	STOCKMANN	
	A15	US- 4,152,199	05-30-1975	HAMERSTRAND	
	A16	US- 4,421,602	07-12-1982	BRUNNMUELLER	
	A17	US- 4,774,285	09-15-1986	PFOHL	
	A18	US- 4,788,280	09-08-1987	BILLMERS	
	A19	US- 5,262,008	03-14-1990	MOENCH	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (If known)				
/MF/	B1	WO 98/45536 A	10-15-1998	BASF AG		
	B2	WO 01/29313 A	04-26-2001	WEYERHAEUSER CO		
	B3	GB 1 259 533 A	01-05-1972	NALCO CHEMICAL CO		
	B4	WO 2004/025027**	04-20-2004	UNIV. OF PITTSBURGH	**INTERNATIONAL SEARCH REPORT WRITTEN OPINION	
		**INTERNATIONAL PATENT APPLICATION CORRESPONDING TO PARENT PATENT APPLICATION 10/252,262			**INTERNATIONAL PRELIMINARY EXAMINATION REPORT	
	B5	EP 331047	09-06-1989	AIR PROD & CHEM (US)		

Examiner Signature	/Michael Felton/	Date Considered	12/21/2007
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/MF/	A20	US 6,165,322	07-29-1997	BOWER	
	A21	US 2003/0192664	01-30-1995	KULICK	
	A22	US 4,950,514	05-23-1989	STRASSHEIMER	
	A23	US 6,981,552	03-21-03	REDDY	
	A24	US 4,690,219	03-05-1984	BURNS	
	A25	US 3,580,879	08-29-1967	HIGASHIMURA	
	A26	US 3,744,566	03-16-1972	SZABO	
	A27	US 3,945,929	05-08-1974	MARTIN	
	A28	US 4,039,028	11-03-1975	KNIGHT	
	A29	US 4,100,079	02-25-1977	SINKOVITZ	
	A30	US 4,834,182	11-29-1984	SHU	
	A31	US 5,735,349	08-16-1996	DAWSON	
	A32	US 5,789,351	05-17-1996	AHMED	
	A33	US 6,124,245	10-07-1998	PATEL	
	A34	US 6,127,319	10-29-1999	HOUSE	
	A35	US 6,465,397	02-11-2000	PATTERSON	
	A36	US 6,803,348	11-16-2000	JONES	
	A37	US 7,004,253	05-13-2002	CHIAPPA	
	A38	US 4,716,966	10-24-1986	SHU	

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/MF/		WO 2005/089175***	09-29-2005	UNIVERSITY OF PITTSBURGH	*** INTERNATIONAL SEARCH REPORT	
/MF/		*** INTERNATIONAL PATENT APPLICATION CORRESPONDING			*** WRITTEN OPINION	
/MF/		TO PRESENT US PATENT APPLICATION			***INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY	

Examiner Signature	/Michael Felton/	Date Considered	12/21/2007
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/MF/	A39	US- 4,830,108	01-04-1988	HAZLETT	
		US-			
		US-			
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		Filing Date	MARCH 12, 2004		
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		Art Unit	1731		
		Examiner Name	MICHAEL J. FELTON		
Sheet	3	of	4	Attorney Docket Number	02-017 CIP

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MJF	C1	KOFFLIN, S.A., et al., "Formation of Hydrogels Using Poly(vinylalcohol)/Poly(vinylamine) Copolymers and D-Glucose," Slides from oral presentation at REU Summer Research Symposium, August 7, 2001.	
	C2	KOFFLIN, S.A. et al., "Formation of Hydrogels Using Poly(vinylalcohol)/Poly(vinylamine) Copolymers and D-Glucose," Slides from poster presentation at REU Summer Research Symposium, August 7, 2001.	
	C3	KOFFLIN, S.A., "Formation of Hydrogels Using Poly(vinylalcohol)/Poly(vinylamine) Copolymers and D-Glucose," Slides from oral presentation at Saint Mary's College Student Paper Day Presentation, April 23, 2002.	
	C4	KOFFLIN, S. A., "Formation of Hydrogels Using Poly(vinylalcohol)/Poly(vinylamine) Copolymer and D-Glucose," Slides from oral presentation at Saint Mary's Senior Comprehensive, April 11, 2002.	
	C5	YAMAURA, KAZUO et al., Effect of Addition of Saccharides on Gelation of Aqueous Poly (Vinyl Alcohol) Solutions, Journal of Applied Polymer Science. 1999, 74, 1298-1303.	
	C6	Nestor, S., "Summer Internship Leads to Patent for St. Mary's Senior," Observer Online, September 11, 2001.	
	C7	YAMAURA, KAZUO. et al., Gelation of Poly (vinyl Alcohol) Solutions at Low Temperatures (20 to -78 degrees Celsius) and Properties of Gels. Journal of Applied Polymer Science. 1994, 51, 2041-2046	

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